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PRUSKA, Lumir, inz., C.S.

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~~Influence of pore pressure upon ultimate stress of soils.~~
Acta techn Cz 8 no.3:243-264. '63.

1. Czechoslovak Academy of Sciences, Praha 2 - Nove Mesto,
Vysehradská 49.

RUSSIA, Leningrad, 1965.

Remarks on the article "A new opinion on the effect of tensile forces in the foundation bed of constructions on undermined ground." Inst. stavby 13 no.2:82-83 F '65.

PRUSKA, Lunir, inz., C.Sc.

New underground constructions reducing the earth load upon them.
Inz stavby 10 no.12:463-465 D '62.

1. Ustav teoreticke a aplikovane mechaniky, Ceskoslovenska
akademie ved, Praha.

PRUSKA, L.

Unification of physical units of measurement. p. 427.

INŽENÝRSKE STAVEBY. (Ministerstvo stavebnictví) Praha, Czechoslovakia.
Vol. 7, no. 11, Nov. 1959

Monthly list of East European Accessions (EEAI) LC, vol. 9, no. 1, Jan.
1960

Uncl.

PRUSKA, L.

A single-rail conveyance on building sites. p. 383.

(Inzenyrske Stavby. Vol. 5, no. 6, June 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

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New method of calculating the load pressure of high embankments
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1. Ustav teoreticke a aplikovane mechaniky, Ceskoslovenska
akademie ved, Praha.

FRUSKI, Bronislaw, mgr. (Bydgoszcz.)

Physical rehabilitation of blind amputated workers. Praca zabezp spcl
4 no. 4:28-29. Ap '62.

PRUSKI, Janusz; ZYSS, Ryszard

Comparative studies on tissue reactions to silicon sponge and thick layers of polyester fibers. Czas. stomat. 18 no.8/9: 1077-1080 Ag-S '65.

1. Z Zakładu Stomatologii 2 Centr. Szpit. Klin. Wojskowej AM (Kierownik: doc. dr. E. Korthals) i z Zakładu Anatomii Patologicznej 2 Centr. Szpit. Klin. Wojskowej AM (Kierownik: prof. dr. Z. Ruszczewski).

WIERZBICKI, Jozef; PRUSKI, Janusz

Surgical indications in diseases of the gallbladder and bile ducts. Polski tygod. lek. 11 no.11:495-498 12 Mar 56.

1. Z I Kliniki Chirurgicznej Akademii Med. w Poznaniu; kier.:
prof. dr. St. Nowicki.

(BILIARY TRACT, surgery,
indic. (Pol))

PRUSKI, Janusz

Studies on the accretion of thick layers of polyester fibers used as supplementary subcutaneous prosthesis. Czas. stomat. 18 no.8/9:1069-1076 Ag-S '65.

1. 7 Katedry Stomatologii 2 Centr. Szpit. Klin. Wojskowej AM (Kierownik: doc. dr. med. E. Korthals) i z Zakladu Anatomii Patologicznej 2 Centr. Szpit. Klin. Wojskowej AM (Kierownik: prof. dr. med. Z. Ruszczewski).

PRUSKI, S.

On an approximate second-order Fermion density matrix. Bul
Ac Pol mat 11 no. 9:615-619 '63.

1. Department of Theoretical Physics, N. Copernicus University, Torun. Presented by A. Jablonski.

FRUSKI, S.

On the theory of helical waveguides. Pt. 1. Acta physica Pol 23
no.4:527-539 Ap '63.

1. Department of Physics, Nicholas Copernicus University, Torun.

KOSSAKOWSKI, A.; KWIATKOWSKI, S.; PRUSKI, S.

Some notes on the theory of pressure effects on spectral lines. Acta physica Pol 24 no.3:327-337 S'63.

1. Department of Physics, N.Copernicus University, Torun.

PRUSKI, Stanislaw

The generalized asymptotic series. Acta physica Pol 22:
Suppl.:25-34 '62.

1. Department of Physics, Nicholas Copernicus University, Torun.

PRUSKI, S.

On the use of generalized asymptotic series in deriving the asymptotic expansions for special functions. Bul Ac Pol mat 10 no.5:311-315 '62.

1. Department of Physics, N.Copernicus University, Torun.
Presented by A.Jablonski.

S/058/63/000/001/032/120
A062/A101

AUTHOR: Pruski, S.

TITLE: Use of generalized asymptotic series for deriving the asymptotic expansions of special functions of mathematical physics

PERIODICAL: Referativnyy zhurnal, Fizika, no. 1, 1963, 2, abstract 1B13
("Bull. Acad. polon. sci. Ser. sci. math., astron et phys.", 1962, v. 10, no. 5, 311 - 315, English, summary in Russian)

TEXT: It is shown on a number of examples (Stirling's formula, MacDonald's function etc.) how generalized asymptotic series can be used for deriving the usual asymptotic expansions of special functions.

[Abstracter's note: Complete translation]

Card 1/1

PRUSKI, M.

In approximate second-order Fermion density matrix; addendum.
Bull Ac Pol mat 12 no.4:227-229 '64.

1. Department of Theoretical Physics, N. Copernicus University,
Torun. Presented by A. Jablonski.

KAUFMAN, Laura; PRUSKI, Witold

Roman Prawochenski. Nauka polska 11 no.3:93-96 My-Je '63.

1. Zaklad Hodowli Doswiadczalnej Zwierzat, Polska Akademia Nauk, Warszawa. 2. Czlonek rzeczywisty Polskiej Akademii Nauk, Warszawa (for Kaufman).

PRUSKI, Witold

Origin of the Polish Merino sheep. Postepy nauk roln 11 no.6:
125-132 N-D '64.

WINKEL, M.

At the threshold of cooperation.

2. 1. (GOTIS) (Lodz, Poland) Vol. 9, no. 1, Jan. 1958

30: Monthly Index of East European Accession (MEAI) LC Vol. 7, No. 5, 1958

PRUSKIY, V.

Horse Racing - Poland

Races in Poland in 1951, Konevodstvo No. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, July 1952 ~~1951~~, Uncl.

RASOCHA, Vlastimil, inz.; PRUSKOVA, Stanislava, inz.

Aphid control on seed potato plants. Vest ust zemedel 11 no.6:
225-227 '64.

1. Institute of Potato Research, Havlickuv Brod.

PAZHITNOV, V.Yu., inzh.-mayor; PRUSKOVTSOV, S.S., inzh.

The spontaneous release of Gwinn and plain flaps. Vest. Vozd. Fl.
40 no.4:73-74 Ap '58. (MIRA 11:4)

(Aeronautics)

Pruskovtsov, S. S.

86-58-4-20/27

AUTHOR: Pazhitnov, V. Yu., Engr-Maj, and Pruskovtsov, S. S., Engineer

TITLE: On Accidental Drop of Flaps (O samoproizvol'nom vypuske shehitkov-zakryl'kov)

PERIODICAL: Vestnik vozdushnogo flota, 1958, Nr 4, pp 73-74 (USSR)

ABSTRACT: The authors describe the causes of accidental drop of flaps while taxiing and indicate how to eliminate such defects. It has occurred that the flaps lowered by the pilot to a 20° position, drop by themselves to an extreme extended position of 55°. The authors give two reasons for this: 1. either there is a leak in the system of flap operating cylinder or 2. the flaps drop by their own weight while taxiing over a rough surface of an airfield. Therefore the whole flap operating system should be carefully checked for leaks and on an airfield with rough surface the aircraft should be taxied at a reduced speed.

AVAILABLE: Library of Congress

1. Flaps - Performance
2. Flaps - Failure

Card 1/1

PRUSLIN, A.YA.

10(4); 21(5); 24(8) PHASE I BOOK EXPLOITATION SOV/2457	
Vsesoyuznaya nauchno-tekhnicheskaya konferentsiya po primeneniya radioaktivnykh i stabil'nykh izotopov i izlucheniya v narodnom khozyaystve 1 nauke. 2d. Moscow, 1957	
Teplotekhnika i gidrodinamika: trudy konferentsii, tom 4 (Heat Engineering and Hydrodynamics; Transactions of the All-Union Conference on the Use of Radioactive and Stable Isotopes and Radiation in the National Economy and Science, Vol. 4) Moscow, Gosenergoizdat, 1956. 88 p. Firsta slip inserted. 2,500 copies printed.	
Sponsoring Agencies: Akademiya nauk SSSR, and USSR, Glavnoye upravleniye po ispol'zovaniyu atomnoy energii.	
Eds.: M. A. Styrlikovich (Resp. Ed.), G. Ye. Kholodovskiy, and M. S. Pomichev; Ed. of Publ. House: L. N. Sineelnikova; Tech. Ed.: M. I. Borunov.	
PURPOSE: This collection of articles is intended for scientists and laboratory workers concerned with the use of radioactive and stable isotopes.	
COVERAGE: This collection of papers deals with the application of radioactive and stable isotopes as measuring tools in various types of scientific investigation. No personalities are mentioned. References are given after some of the articles.	
2. Bartolomey, G.G., Ya.G. Vinokur, V.A. Kolokol'tsev, and V.I. Petukhov. Use of Gamma Rays for Studying the Process of Diffusion 9	
3. Kutateladze, S.G., and V.N. Moskvichnev. Use of Gamma-Radioscopy for Studying the Hydrodynamics of a Multifluid System 12	
4. Poltavkin, P.O., and N.A. Shapkin. Method of "Tagged" Atoms for Investigating Water and Steam Content in Surface Boiling of a Fluid 16	
5. Kudryavtsev, V.S. Determining the Specific Surface Area of Quartz and Cement Powders by the Sorption Method With the Use of "Tagged" Atoms 20	
6. Muskhin, V.M., and I.I. Kurbatova. Use of Radioactive Isotope 28	
7. Tsvetov, N.A., V.I. Petronak, and V.A. Lukin. Methods for Determining the Density and Moisture Content of Soils With the Aid of Radioactive Emissions 33	
8. Polozova, L.G., and R.P. Reyman. Study of the Processes of Moisture Transfer in Building Materials by Means of Gamma-Radioscopy 38	
9. Styrlikovich, M.A., I.M. Khaybulin, and L. K. Khokhlov. Use of Radioactive Isotopes for Investigating the Solubility of Salts in Water Vapor at High Pressures 41	
10. Sheiman, L.S., A.Ye. Antongov, and A.V. Sumov. Investigation of the Characteristics of Vapor at a Pressure of 185 atm. With the Aid of Radioactive Isotopes 46	
11. Rubtsovskiy, V.A. Use of Radioactive Isotopes for Observing the Motion of the Molten Glass Mass in Glass Furnace Tanks 52	
12. Rubtsovskiy, V.V. Use of Radioactive Isotopes in Studying the Filtration of Fluids Through Porous Media 57	
13. Leybunskaya, D.I., and A.Ya. Puzilo. Radiolaoisotope Methods for Investigating Flow Processes of Fluids in a Porous Medium 62	
14. Bortse, M.A., L.S. Zarubin, V.S. Kaminskiy, and L.N. Korvak. Investigation of the Hydrodynamics of a Fluid in the Conical Rotor of a Settling Centrifuge With the Aid of Radioactive Isotopes 67	
15. Volarovich, M.P., N.V. Churayev, and B.Ye. Minkov. Investigations of the Motion of Water in Peat Under Laboratory and Field Conditions With the Use of Radioactive Isotopes 72	
16. Arhangelskiy, M.M. Use of Radioactive Isotopes for Investigating Suspensions of River Silt 78	
17. Vaynik, A.I., and A.S. Shubin. Use of Radioactive Isotopes for Investigating the Mechanism of the Drying Process 85	

19.21 19.21.31

Description: "Hand-automated for sewing
trials and for work in finishing operation."

4/4/58

Moscow Technological Institute of Light Industry named
L. A. Kaganovich.

SO Vecheryaya Moskva
Sum 71

SHULIN, M., LUKOVA, N.; PAVLENKO, I. K. (Leningrad); GRIGOROV, L. V.,

Measuring the Activity of Beta and Gamma Radiation Sources, Izdatel'stvo
Akademii Nauk SSSR, Moscow, 1953, 24 pp.

LEYPUNSKAYA, D.I.; YERPYLEVA, Ye.R.; NOVIKOVA, K.A.; PRUSLIN, Ya.A.

Radiometric method for controlling oil saturation in the studies
of bubble point oil flow in hydrodynamic models of porous media.

Trudy VNII no.10:349-356 '57.

(MIRA 14:6)

(Oil reservoir engineering)

LEYPUNSKAYA, D.I.; PRUSLIN, Ya.A.; YERPYLEVA, Ye.R.; NOVIKOVA, K.A.

Radioactive method for studying the displacement of fluids from
porous media. Trudy VNII 12:361-367 '58. (MIRA 12:3)
(Oil field flooding) (Hydraulic modeling)

PRUSLIN, Ya.

PHASE I

TREASURE ISLAND BIBLIOGRAPHIC REPORT

AID 403 - I

BOOK

Authors: BOCHKAREV, V., KEIRIN-MARKES, I., L'VOVA, M., and PRUSLIN, Ya.

Full title: MEASUREMENTS OF ACTIVITY OF BETA AND GAMMA RADIATION SOURCES

Transliterated title: Izmereniye aktivnosti istochnikov beta i gamma izlucheniya

Publishing data

Originating agency: Academy of Sciences, USSR

Publishing house: Publishing House of the Academy of Sciences, USSR

Date: 1953

No. pp.: 242

No. of copies: 5,000

Editorial staff

Editor: Prof. Groshev, L.V.

Tech. Ed.: None

Editor-in-chief: None

Appraiser: None

(see card for BOCHKAREV, V, for further data)

Translation D 487954

ZABRODIN, P.I.; PRUSLIN, Ya.A.; VAKULIN, A.N.

Laboratory investigations of the flooding of unrecovered oil
from a flooded reservoir with solvents. Trudy VNII no.42:143-
152 '65. (MIRA 18:5)

CHERNYSHEV, G.I.; ZABRODIN, P.I.; PRUSLIN, Ya.A.; PAVLOV, V.N.

Two-channel scintillation gamma-ray spectrometer for study
in boreholes. Trudy VNIi no.35:30-39 '61. (MIRA 15:1)
(Oil well logging, Radiation)

PRUSLIN, Z.M., RUBANOVA, N.A., otv. red.; ALEKSEYEVA, T.D., red.

[Two-electrode tube; manual on a course in "Electronic and transistor devices" (no.2 of the section "Electronic devices")] Dvukhelektrodnaya lampa; uchebnoe posobie po kursu [Elektronnye i poluprovodnikovye pribory" (vtoroi vypusk po razdelu "Elektronnye pribory"). Moskva, Vses. zaочnyi elektrotekhnicheskii in-t svyazi, 1963. 46 p.

(MIRA 16:11)

(Diodes)

RUBANOVA, N.A.; PRUSLIN, Z.M., otv. red.; ALEKSEYEVA, T.D., red.

[Semiconductor rectifiers] Poluprovodnikovye vypriamiteli.
Moskva, 1962. 38 p. (MIRA 16:5)

1. Vsesoyuznyy zaochnyy elektrotekhnicheskiy institut svyazi.
(Electric current rectifiers)
(Semiconductors)

AMALITSKIY, Mikhail Vladimirovich; PRUSLIN, Z.M., kand.tekhn.nauk,
retsensent, otv.red.; VENGRENYUK, L.I., red.; SHEPER, G.I.,
tekhn.red.

[Fundamentals of radio engineering] Osnovy radiotekhniki.
Izd.3., perer. Moskva, Gos.izd-vo lit-ry po voprosam svyazi
i radio, 1959. 614 p. (MIRA 12:7)
(Radio)

FRUSLIN, Z. M.

FRUSLIN, Z. M.--"Investigation of Systems of Dynamic Noise Suppression." Min
Communications USSR. Moscow Electrical Engineering Inst of Communications
Moscow, 1955. (Dissertation for the Degree of Candidate in Technical
Science).

SO Knizhanay letopis'
No 2, 1956

FRUSLIN, Zalman Mendelevich; KOBZEV, V.V., otv.red.

[Electron emission and electron-tube cathodes] Elektronnaia
emissia i katody elektronnykh lamp; uchebnoe posobie po kursu
"Elektronnye i poluprovodnikovye pribory." Moskva, Vses.
zaochnyi elektrotekh.in-t sviazi, 1961. 56 p.

(MIRA 15:5)

(Electron tubes) (Semiconductors)

PRUSLIN, Zalman Mendelevich, kand. tekhn. nauk; EIRNOVA, Margarita
Aleksandrovna, inzh.; OSHER, D.M., nauchn. red.;
KOBELINSKAYA, M.V., red.

[Radio engineering and electronics] Radiotekhnika i elekt-
ronika. Moskva, Vysshaia shkola, 1965. 370 p.

(MIRA 18:3)

CHILIKIN, M.G., red.; BEL'KIND, L.D., red.; YELIZAROV, P.P., red.; MESHKOV, V.V., red.; NIKITIN, S.P., red.; PEREKALIN, M.A., red.; PRUZNER, S.L., red.; SHNEYBERG, Ya.A., red.; IGLITSYN, I.L., red.; ANTIK, I.V., red.; SKVORTSOV, I.M., tekhn. red.

[Fifty years of the Moscow Order of Lenin Power Engineering Institute]
50 let Moskovskogo ordena Lenina energeticheskogo instituta imeni V.M. Molotova. Moskva, Gos. energ. izd-vo, 1955. 302 p. (MIRA 14:8)
(Power engineering)

VOL'FSON, V. (Leningrad); STAROSKOL'TSEV, V (Lugansk); FEDYAYEV, S.:
PERKOV, L.; TONKONOGOV, M. (Tashkent); PRUSOV, A. (Taldom); BELOV, B.
(Orekhovo-Zuyevo); PETROV, V.

News from everywhere. Sov.foto 20 no.8:44-45 Ag '60.

(MIRA 13:8)

1. Zaveduyushchiy fotokinolaboratoriyey Tsentral'noy statsii yunykh
tekhnikov imeni N.M. Shvernika (for Fedyaev). 2. Zaveduyushchiy
fotolaboratoriyey pionerskogo lagerya Moskovskogo vysshego
tekhnicheskogo uchilishcha im. Baumana (for Perkov).
(Photography)

PRUSOV, I.A. [Prusov, I.O.] (L'viv)

Stressed state in a heterogeneous plane with slits along the
circular separation line. Prikl.mekh. 7 no.6:635-638 '61.
(MIRA 14:11)

1. L'vivskiy gosudarstvennyy universitet.
(Strains and stresses)

L 8395-65 EWT(a)/EWT(m)/EWP(r) ASD(f)/AEDG(a)/ASD(a)-5/RAEM(t)/ESD(t)
 S/0179/64/000/004/0102/0104
 ACCESSION NR: AP4048723

AUTHOR: Prusov, I. A. (L'vov)

TITLE: One solution of the first and second basic problems of the theory of elasticity for a band lying in an elastic half-space

SOURCE: AN SSSR. Izvestiya. Mekhanika i mashinostroyeniye, no. 4, 1964, 102-104

TOPIC TAGS: elasticity theory, solid mechanics, linear function, Laplace equation, integral function 26

Abstract: Although the problem investigated in the article can be solved variously, the most effective solution is obtained with complex variable functions using the method of a linear conjugation (MUSKHELISHVILI, N. I., Nekotoryye Osnovnyye Zadachi Matematicheskoy Teorii Uprugosti, Izd. 4, 1954, and Osnovnyye Granichnyye Zadachi Teorii Uprugosti dlya Poluploskosti, Soobshch. AN GruzSSR, T. 11, No. 10, 1941), and assigning intensities to the functions with a Laplace integral. A solution is obtained for the problem

Card 1/2

L 8395-65

ACCESSION NR: AP4048723

of a band symmetrically compressed by two concentrated forces, which coincides with the result obtained by different methods by others.

ASSOCIATION: L'vovskiy universitet (L'vov University)

SUBMITTED: 05Feb63

ENCL: 00

SUB CODE: ME, MA

NO REF SOV: 006

OTHER: 002

JPRS

Card 2/2

VAL'KO, B.V.; LYUDKEVICH, I.V. [Liudkevych, I.V.]; PRUSOV, I.A. [Prusov, I.O.]

Use of the nonlinear parameters method in determining the
electrostatic field for a system of electrodes of small
thickness. Visnyk. L'viv. un. Ser. mekh.-mat. no.1:50-53

'65.

(MIRA 18:12)

PRUSOV, I.A. (L'vov)

Some problem in the theory of elasticity for a nonhomogeneous
plane. Prikl. mekh. 1 no.2:86-91 '65.

(MIRA 18:6)

1. L'vovskiy gosudarstvennyy universitet.

PRUSOV, I.A. [Prusov, I.O.]

Comments on I.O.Prusov's article "Stressed state in a nonuniform plane with slits along the circular separation line" in "Prykladna mekhanika" volume 7, no.6, 1961. Prykl.mekh. 8 no.5:565-566 '62. (MIRA 15:9)
(Strains and stresses) (Prusov, I.O.)

PRUSOV, I.A.

Influence of a spring on dynamic stresses in mine hoisting cables.
Nauk.zap.Lviv.un.29:98-104 '54. (MLRA 10:2)
(Cables--Testing)

PRUSOV, I.A. (L'vov)

Elastic equilibrium of a strip soldered with a semipipe having several annular embeddings. Prikl. mekh. 1 no.6:48-55 '65. (STRA 18:7)

1. L'vovskiy gosudarstvennyy universitet.

PRUSOV, I. A.

"Pressure on Support Rests Situated within the Aperture of a Plate." Min Higher Education USSR, L'vov State U imeni Ivan Franko, L'vov, 1955. (Dissertation for the Degree of Candidate in Physical and Mathematical Sciences)

SO: M-955, 16 Feb 56

PRESOV, I.A. (L'vov)

A solution of the first and second basic problems in the theory of elasticity for a strip lying on an elastic semi-plane. Izv. AN SSSR Mekh. i mashinostr. no.4:102-104
31-ly '61.

(MIRA 17:8)

PRUSOV, I.A. [Prusov, I.O.]

Stressed state of a plane plate with an imbedded slotted
disc. Visnyk L'viv. un. Ser. mekh.-mat. no.1:71-75 '65.
(MIRA 18:12)

L 08044-67 ENT(m)/ENT(w) IJP(c) EM

ACC NR: AP7001658

SOURCE CODE: UR/0198/66/002/006/0011/0018

AUTHOR: Prusov, I. A. (L'vov)

ORG: L'vov State University (L'vovskiy gosudarstvennyy universitet)

24

3

TITLE: Stressed condition in a non-homogeneous surface with slits

SOURCE: Prikladnaya mekhanika, v. 2, no. 6, 1966, 11-18

TOPIC TAGS: solid mechanics, physics

ABSTRACT: On the assumption that the majority of works in the literature on the stressed condition in a non-homogeneous surface with slits present solutions which are complex, the author presents, in simplified form, a solution for partial cases of interest in themselves (such as the case where the regions of slits or regions of junctions of materials tend toward zero), the solution being most effective for the case where several small regions of slits or junctions are present. The example computations given involve the case of a pressed disk with a single slit and of a non-homogeneous surface with a single slit under the effect of a centralized force, a factor omitted in the solution presented by G. P. Cherepanov (Izvestiya AN SSSR, OTN, Mekhanika i mashinostroyeniye, no. 1, 1962). Orig. art. has: 2 formulas.

[JPRS: 37,655]

SUB CODE: 20 / SUBM DATE: 25Oct65 / ORIG REF: 008

COM 1/1 NO

SOV/124-58-7-7859

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 7, p 79 (USSR)

AUTHOR: Prusov, I.O. [Prusov, I.O.]

TITLE: The Tensile Stresses in an Infinite Plate With a Circular Hole Reinforced With a Ring of Variable Cross Section (Rastyazheniye beskonechnoy plastinki s krugovym otverstiyem, podkreplennym kol'tsom peremennogo secheniya) [Roztyah bezkonechnoyi plastynky z kruhovym otvorom, pidkriplenym kil'tsem zminnoho pererizu]

PERIODICAL: Nauk. zap. L'vivs'k. un-t, 1957, Vol 44, pp 22-28 (in Ukrainian)

ABSTRACT: Examination of the two-dimensional problem of tension in two directions in an infinite, elastic, isotropic plate with a circular hole, into which a circular ring made of another elastic isotropic material is soldered without any inherent stress. The outer contour of the circular washer is a circumference with a radius equal to that of the hole, while the inner contour is elliptical. It is assumed that, in addition to the tensile stresses P and Q applied at "infinity" and acting parallel to the principal diameters of the ellipse, there are normal stresses q distributed uniformly along the edge of the elliptical hole in

Card 1/2

SOV/124-58-7-7859

The Tensile Stresses in an Infinite Plate With a Circular Hole (cont.)

the ring. The problem is solved on the basis of the Kolosov - Muskhelishvili theory and is reduced to the finding of two pairs of functions Φ , Ψ and Φ_1 , Ψ_1 of the complex variable $z = x + iy$ which determine the stresses and the displacements in the plate and in the ring that fulfill the boundary conditions along the line of contact and along the edge of the elliptical hole. Conformal transformation on the circumference of a unit circle, analytical continuation, and other transformations are used. The unknown functions of the complex variable are sought in the form of expressions containing power series; the coefficients of these series as required by the boundary conditions are expressed by an infinite system of recurrent equations. A numerical example is examined; approximated expressions for the stresses along the contact line and on the contour of the elliptical hole are given for a plate and a ring with specified elastic constants.

S.G. Lekhnitskiy

1. Metal plates--Mechanical properties
2. Metal plates--Theory

Card 2/2

L 16100-66 EWT(m)/EWP(k)/T/EWP(v)/EWP(t) JD/HM

ACC NR: AT6003596

SOURCE CODE: UR/3185/65/000/001/0071/0075

AUTHOR: Prusov, I. O.

ORG: none

TITLE: Stresses within a plane with an imbedded slit-containing disk

SOURCE: Lvov. Universytet. Visnyk. Seriya mekhaniko-matematychna. no. 1, 1965, 71-75

TOPIC TAGS: elasticity, elastic deformation, elastic stress, stress concentration

ABSTRACT: The author studied the stresses within an elastic isotropic plate containing an imbedded slit-containing disk. The calculation takes into account the external loads at the edges of the slit and the concentrated interactions at an arbitrary point of the region under consideration. In the absence of sagging stresses the various formulas derived in the paper are also valid for a similar case of two half-planes made of dissimilar materials welded together along a slit-containing joint. An example of a single-slit embedded disk is also given. Orig. art. has: 32 formulas.

SUB CODE: 20, 12 / SUBM DATE: none / ORIG REF: 006

Card 1/1

SOV/124-58-8-9056

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 8, p 107 (USSR)

AUTHOR: Prusov, I.O. (Prusov, I.O.)

TITLE: Elastic Semiplate With a Reinforced Circular Hole (Uprugaya poluploskost' s podkreplennym krugovym otverstiyem) in Ukrainian

PERIODICAL: Nauk zap. L'vivsk. un-t, 1957, Vol 44, pp 17-21

ABSTRACT: The method of linear conjugates is used to study the stress distribution in an isotropic weightless semiplate weakened by a circular hole through it, the circumference of the hole being reinforced by a uniform-section ring. Numerical calculations are adduced for a specific case. The specific case has already been examined by I.G. Aramanovich (Dokl. AN SSSR, 1955, Vol 104, Nr 3, pp 372-375; also, RZhMekh, 1957, Nr 8, abstract 9286), who used in his solution the method of D.I. Sherman.
Bibliography: 4 references.

V.I. Tul'chiy

Card 1/1

PRUSOV, I.O.

Tensile stress in an infinite plate with a circular opening reinforced
by a ring of variable cross section. Nauk zap. L'viv. un. 44 no.8:
22-28 '57. (MIRA 11:6)

(Elastic plates and shells)

FRUSOV, I.O.

Elastic semiplane with a reinforced circular opening. Nauk zap.

L'viv. un. 44 no.8:17-21 '57.

(MIRA 11:6)

(Elastic plates and shells)

PRUSOV, M.A.; VERSHINKIN, A.V.

Device for measuring electric quantity, energy, and arcing time.

Sam.elektr. no.1:70-78 '60.

(MIRA 14:3)

(Electronic instruments)

PRUSOV, M. A.

PHASE I BOOK EXPLOITATION

SOV/6012

Akademiya nauk SSSR. Institut avtomatiki i telemekhaniki.

Avtomaticheskoye regulirovaniye i upravleniye (Automatic Regulation and Control) Moscow, Izd-vo AN SSSR, 1962. 526 p. Errata slip inserted. 9000 copies printed.

Resp. Ed.: Ya. Z. Tsypkin, Professor, Doctor of Technical Sciences;
Ed. of Publishing House: Ye. M. Grigor'yev; Tech. Ed.: I. M. Dorokhina.

PURPOSE: This book is intended for scientific research workers and engineers concerned with automation.

COVERAGE: The book is a collection of articles consisting of papers delivered at the 7th Conference of Junior Scientists of the Institute of Automation and Telemekhanics, Academy of Sciences USSR, held in March 1960. A wide range of scientific and technical questions relating to automatic regulation and control is covered.

Card 1/12

Automatic Regulation (Cont.)

SOV/6012

The articles are organized in seven sections, including automatic control systems, automatic process control, computing and decision-making devices, automation components and devices, statistical methods in automation, theory of relay circuits and finite automatic systems, and automated electric drives. No personalities are mentioned. References are given at the end of each article.

TABLE OF CONTENTS:

PART I. AUTOMATIC CONTROL SYSTEMS

Andreychikov, B. I. The effect of dry friction and slippage [play] on error during reverse gear operation of servo-feed systems 3

Andreychikov, B. I. Dynamic accuracy of machine tools with programmed control 14

Card 2/12

Automatic Regulation (Cont.)

SOV/6012

PART II. AUTOMATIC PROCESS CONTROL

Viktorov, V. A. Effect of the higher harmonics of a coaxial vibrator on the efficiency of an extremal resonant cavity level gauge	200
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Card 6/12

SHUMILOVSKIY, Nikolay Nikolaevich, YAPKOLYUK, Georgiy
Gerasimovich, GRABOVETSSEY, Vladimir Praskoviyevich
BRUSOV, Mikhail Antipovich

[Etky current methods for production parameter control;
principles of theory and design] Metod vikhrovykh tokov
dlya kontrolia proizvodstvennykh parametrov, osnovy teorii
i rascheta. [By] N.M. Shumilovskiy i dr. Frunze, Izd-vo
"Ilim," 1974. 226 p. (MIRA 1413)

PHASE I BOOK EXCERPTION SOV/ASIA

Samoletnoye elektropodborovaniye; spornik slatoy, No 1 (Aircraft Electric Equipment); Collection of Articles, No 1). Moscow, Oborongiz, 1960. 106 p. Errata slip inserted. 3,600 copies printed.

General Ed.: A. P. Fedoseyev, Candidate of Technical Sciences; Ed. of Publishing House: K. I. Grigorash, Tech. Ed.: V. P. Noshin; Managing Ed.: A. S. Zaymovskaya, Engineer.

PURPOSE: This book is intended for engineers engaged in designing and operating aircraft electric equipment. It may also be of interest to those working in the electrical industry, and to teachers, and students in electrical engineering schools of higher and secondary education.

COVERAGE: The book is a collection of 9 articles dealing with problems in designing, calculating and operating aircraft electric equipment, and electric motors, regulators, instruments, etc. The work of heat-resistant coatings and

Prizor, A. V., and V. I. Kuchtenko. A Method for Constructing an Automatic Control System With Almost Optimal Transient Conditions 63

Prizor, A. V., and A. V. Yermolukhin. Instruments for Measuring Quantity of Electricity, Energy and Arcing Period 70

Omeltseva, A. I., and D. N. Yasin. Experience Gained in the Use of Chemical Nickelplating 79

Sayenko, A. D., and S. P. Shkay. Use of Epoxide Resins as Sealing and Impregnating Compounds 83

Ivanova, L. S., and A. P. Vasil'yeva. Determination of Maximum Allowable Operational Temperatures for Glass Textolites 92

AVAILABLE: Library of Congress

Card 3/3

10-18-60

ACC NR: AP6029058

SOURCE CODE: UR/0413/66/000/014/0065/0085

INVENTOR: Korobov, V. I.; Panin, Ye. I.; Prusov, N. K.; Filippov, V. I.; Solov'yev, A. K.

ORG: None

TITLE: A device for checking the thickness of an enamel film. Class 42, No. 183956 [announced by the Independent Technological Design Office for Microconductors (Samostoyatel'noye konstruktorsko-tekhnologicheskoye byuro po mikroprovodam)]

SOURCE: Izobret prom obraz tov zn, no. 14, 1966, 85

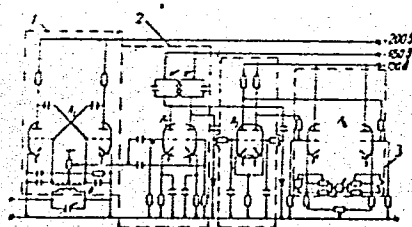
TOPIC TAGS: surface film, protective coating, measuring instrument

ABSTRACT: This Author's Certificate introduces a device for checking the thickness of an enamel film which may be used during enamel coating of wire. The unit contains a capacitance pickup connected to a self-excited oscillator. A high-frequency amplifier, detector, DC amplifier with cathode follower and an indicator are connected in series to the oscillator output. The circuit of the device is simplified and measurement accuracy is improved by using a high-frequency oscillator with a load in the high-frequency amplifier in the form of high-Q stagger-tuned tanks with symmetric resonance curves and a narrow passband. An unblanced signal appears at the load output which is proportional to the change in thickness of the enamel film shown by the indicator.

Card 1/2

UDC: 531.717.55

ACC NR: AP6029058



1—self-excited oscillator; 2—high-frequency amplifier; 3—indicator

SUB CODE: 13, 11/ SUBM DATE: 12Apr65

Card 2/2

PRUSOV, V.

SHESTOPALOV, K.; PRUSOV, V.

Machine maintenance during continuous road construction. Adv.
transp. 32 no.3:12-15 Mr '54. (MIRA 7:8)

(Road machinery)

Prusov, V. M.

173. Prusov, V. M. The precise integration of the equations of unsteady slowly varying motion of a liquid in certain parabolic waterways (in Russian); *Uchen. Zap. Karelo-Finskogo Univ.* 3, 4, 63-76, 1954; Rev. no. 198, *Ref. Zh. Mekh.* 1956.

A precise solution has been obtained for the differential equations of unsteady, slowly varying motion in waterways, the transverse section of which is bounded by the parabolas with the characteristics $k = 2/(2m - 1)$ ($m = 1, 2, \dots$) in the absence of resistance. Author starts from equations given in the monograph of S. A. Khristianovich [see Symp. "Certain new problems of the mechanics of a dense medium," *Izd-Vo. Acad. Sci. USSR* 1938] and uses the method of integrating similar equations of the problem of unidimensional motion of a compressed gas (see Landau, L. D., and Lifshitz, E. M., "Mechanics of dense media," *Gostekhizdat*, 1954). This method, based on Legendre equations, is used for solving a particular problem: an investigation is made of the unsteady motion in a semi-bounded channel, the cross section of which is bounded by the parabola $y = ax^2$. The channel is closed off by a thin vertical barrier which is destroyed at the initial instant of time, while the upper water is of limited extension.

V. A. Karpichev, USSR

Courtesy of Referativnyi Zhurnal

Translation, courtesy Ministry of Supply, England

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 8, p 15 (USSR) SOV/124-58-8-8460

AUTHOR: Prusov, V. M.

TITLE: On Integrating the Equations for a One-dimensional Transient Motion of a Gas (K voprosu integrirovaniya uraveniy odnomernogo neustanovivshegosya dvizheniya gaza)

PERIODICAL: Uch. zap. Petrozavodskogo un-ta, 1955 (1957), Vol 4, Nr 4, pp 59-68

ABSTRACT: In order to examine the equations for the one-dimensional (plane-wave) adiabatic, isentropic motions of a gas the author proposes for their integration an approximate method based on the well-known fact of the existence of a mathematical analogy between said equations and those for the plane isentropic steady-state motion of a gas. By dint of this analogy the well-known approximate methods of S. A. Chaplygin, S. A. Khristianovich, and L. I. Sedov for the integration of these equations of the steady-state motion can be carried over to the equations for the transient motion - which is the subject of this paper.

Card 1/1

S. S. Grigoryan

PRUSOV, V. M.

1140. Prusov, V. M., Exact integration of equation for unsteady slow varying movement of liquid in some parabolic channels (in Russian), *Uch. Zap. Karelo-Finskogo Univ.* 3, 4, 63-76, 1954; Rev. 198, *Ref. Zh. Mekh.*, 1956.

Exact solution is obtained of differential equations for unsteady slow varying movement in channels with cross section limited by parabolas of power $k = 2/(2m - 1)$, where $m = 1, 2, \dots$, neglecting resistance forces. Author takes equations from a monograph by S. A. Khristianovich (in a symposium "Some new problems of a compact medium mechanics," 1938, Academy of Sciences, USSR) and applies integration method of similar equations for one-dimensional movement of compressible gas [see Landau, L. D., and Lifshits, E. M., "Mechanics of compact medium," 1954, Gostekhizdat]. This method, based on Legendre transformation, is adapted to solution of a partial problem: unsteady flow is studied in a half-parabolic channel, limited by parabola $y = ax^2$; channel is divided by a thin vertical wall, eliminated at start; the upstream reach is of limited length.

Courtesy of Referativnyi

Translated by S. Kolupatla, USA.

V. A. Karpychev, USSR

TRUSOV, P.M.

"Exact Integration of the Equations of Nonsteady State Slowly Changing Motion of a Liquid in Some Parabolic Waterways" Uch. Zap. Karelo-Finsk. un-ta, Vol 3, No 4, 1944, 63-76

If the dependence between the area of a live section F of a waterway and the maximum depth H is given by the formula $F = AH^m$, then the system of equations of a liquid's nonsteady state motion reduces to one second order linear equation which is solved in closed form for $n = (2 - m/2)/k$, where $m = 1, 2, 3, \dots$. The author uses the solution to investigate wave motion in a waterway whose cross section is bounded by a second order parabola. (RZhMat, No 11, 1955)

FEDOROV, V.T., inzh.; PRUSOV, V.V., inzh.

Further development of the road machinery industry. Stroi.i
dor.mashinostr. 4 no.10:3-5 0 '59. (MIRA 13:2)
(Road machinery industry)

PRUSOV, V.V.

New data on the geological structure of northern Kara Kum
(Zaunguzskiye Trudy VAGT no.2:110-117 '56. (MLRA 10:5)
(Kara Kum--Geology, Structural)

SHESTOPALOV, K.S., inzhener; PRUSOV, V.V., inzhener

Field repair of road machinery during continuous road construction
operations. Avt.dor.17 no.1:18-20 JI-Ag'54. (MLRA 8:10)
(Road machinery--Maintenance and repair)

PRUSOV, V.V., inzh.

Discussion about new sets of concrete-laying machines. Avt.dor.
25 no.11:31 N '62. (MIRA 15:12)

(Road machinery)

YEVSTAFETEV, S.V., inzh.; PRUSOV, V.V., inzh.

Ways for completing the over-all mechanization of highway construction. Avt.dor. 22 no.1:4-6 Ja '59. (MIRA 12:2)
(Road machinery)

TOLSTOV, V.F.; PRUSOV, V.V., redaktor; KOVALIKHINA, N.F., redaktor

[Manual for the mechanic of stone-crushing equipment] Posobie
mekhaniku kamedrobil'nykh ustanovok. Moskva, Avtotransizdat Mini-
sterstva avtomobil'nogo transporta i shosseinykh dorog SSSR, 1954.
120 p. (MLRA 7:10)

(Crushing machinery)

SHELYUBSKIY, B.V.; PRUSOV, V.V., otvetstvennyy redaktor; KOVALIKHINA, N.F., tekhnicheskyy redaktor.

[Tractor-drawn scrapers; manual for tractor operators] Traktornye skrepery; posobie traktoristu. Moskva, Avtotransizdat Ministerstva avtomobil'nogo transp. i shosseinykh dorog SSSR, 1954. 94 p.
(Scrapers) (MLRA 7:11)

PRUSOV, V.V., inzhener

Experience of production innovators in giving convincing and popular presentations ("Advanced methods of bulldozer work." M.N.Ritov, A.N.Mikhailov, I.E.Doronin. Reviewed by V.V.Prusov). Avt. dor. 18 no.3:28 My-Je '55. (MLRA 8:9) (Bulldozers) (Ritov, M.N.) (Mikhailov, A.N.) (Doronin, I.E.)

KUZNETSOV, Yu.Ya.; PRUSOV, V.V.; TUGOLESOV, D.A.

Tectonics and prospects for finding oil and gas in the Usturt.
Sov. geol. 6 no.10:24-31 0 '63. (MIRA 17:1)

1. Aerogeologicheskaya ekspeditsiya Geologicheskogo instituta
AN SSSR.

ZABOLOTSKIY, Fedor Danilovich; PRUSOV, V.V., red.; DONSKAYA, G.D., tekhn. red.

[Truck-mounted grader] Avtogreidery. Moskva, Nauchno-tekhn. izd-vo
M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1959. 167 p.
(MIRA 14:10)

(Graders (Earthmoving machinery)) (Motor trucks)

KUZNETSOV, Yu.Ya.; PRUSOV, V.V.

Age of metamorphic and eruptive rocks in the nucleus of the Tuar-Kyr anticline. Dokl. AN SSSR 142 no.3:647-649 Ja '62. (MIRA 15:1)

1. Aerogeologicheskaya ekspeditsiya No.11 Vsesoyuznogo aerogeologicheskogo tresta. Predstavleno akademikom A.L.Yanshinym.
(Tuar-Kyr region--Petrology)

SIMONENKO, Petr Kirillovich; GOROVY, Mikhail Yerofeyevich; KARNAUKH, Vitaliy Ivanovich; PRUSOV, Vsevolod Vasil'yevich; BOYTSOV, Vsevolod Ivanovich; BOROK, M.Ye., red.; GALAKTIONOVA, Ye.N., tekhn. red.

[Handbook for road construction engineers] Spravochnik inzhenera me-
khanika dorozhnika. Moskva, Nauchno-tekhn. izd-vo M-va Avtomobil'nogo
transp. i shosseinykh dorog RSFSR, 1961. 375 p. (MIRA 14:8)
(Road machinery)

VOLOTOV, Mikhail Mikhaylovich; PRUSOV, Vsevolod Vasil'yevich; IGOLKIN, V.N.,
redaktor; GALAKTIONOVA, Ye.N., tekhnicheskii redaktor

[Operation of S-243 automatic cement factories] Eksploatatsiia
avtomatizirovannykh tsementobetonnykh zavodov S-243. Moskva,
Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 55 p.
(Concrete plants) (MIRA 10:1)
(Automatic control)

KALUGIN, L.V., inzhener; PRUSOV, V.V., inzhener.

"Roadbuilding machinery." Reviewed by L.V. Kalugin, V.V. Prusov.
Mekh.stroi. 13 no.5:32-33 My '56. (MLRA 9:8)
(Road machinery)

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 7,
pp 194-195 15-57-7-10047

AUTHOR: Prusov, V. V.

TITLE: New Data on the Geologic Framework of Northern
(Zaunguzskiy) Kara-Kum [Novyye dannyye o geologicheskoy
stroyenii Severnykh (Zaunguzskikh) Kara-Kumov]

PERIODICAL: Tr. Vses. aerogeol. tresta, 1956, Nr 2, pp 110-117

ABSTRACT: Albian clays occur at the bottom of the section. They
are overlain by Cenomanian-Turonian sandy argillaceous
beds, which gradually give way to carbonates of
Senonian age. The total thickness of Cretaceous rocks
is 350 m to 400 m. Paleocene and Eocene carbonate
rocks overlie the Cretaceous rocks with erosional
unconformity. Oligocene rocks consist of sandy clays
containing molluscs. The thickness of the Paleogene
ranges from between 150 m and 200 m to 500 m. Sands,

Card 1/2

15-57-7-10047

New Data on the Geologic Framework (Cont.)

clays, marls, and limestones of Miocene age have accumulated on the eroded surface of the Paleogene rocks to depths ranging from 50 m to between 180 m and 250 m. Sandy argillaceous alluvial and deluvial (slope wash and fan) deposits of the Zaunguzskiy series of Akchagyl age rest, with erosional unconformity, on Cretaceous, Paleogene, and Miocene rocks. The thickness of this series attains 100 m. Alluvial-deluvial rocks of the Kara-Kum series of Khazary age occur in the southern part of the region. The region is subdivided into two structural stages: a lower, embracing rocks of the Cretaceous and Paleogene, and an upper, involving rocks of Miocene age. The rocks of the lower structural stage form the Zeagliniskiy, Klychdamlinskiy, and Layminskiy uplifts which trend to the northwest, and the Verkhneuzboyskiy, nearly north-south, downwarp. These structures had been formed, for the most part, by the end of the Miocene. The structures of the upper structural stage were inherited. The rocks in them are almost undeformed.

Card 2/2

PRUSOV, V., inzh.

Pay more attention to the technical operation of road machinery.
Avt. dor. 26 no.4:5-6 F '63. (MIRA 16:4)
(Road machinery)

PRUSOV, V. V., inzhener.

A useful book on the organization and operation of concrete plants.
("Concrete plants for building automobile roads" by V.I. Morozov.
Reviewed by V. Prusov.) Avt.dor. 19 no.9:31-32 S '56. (MLRA 9:11)
(Road construction)
(Concrete plants)
(Morozov, V.I.)

VOLOTOV, M.M., inzhener; PRUSOV, V.V., inzhener.

The organization of asphalt concrete plants. Avt.dor.18 no.6:14-15
O '55. (Concrete plants) (MIRA 9:2)

PRUSOV, Vsevolod Vasil'yevich; SHESTOPALOV, Konstantin Sergeyevich;
KALUGIN, L.V., redaktor; MAL'KOVA, N.V., tekhnicheskiy redaktor

[Maintenance and repair of road machinery under field conditions] Tekhnicheskoe obsluzhivanie i remont dorozhnykh mashin v polevykh usloviyakh. Moskva, Nauchno-tekhn.izd-vo avtotransportnoi lit-ry, 1955. 78 p. (MIRA 9:2)
(Road machinery)

PRUSOVA, G.

"In the darkness of a tropical forest" by Herbert Butze. Reviewed by
G. Prusova. IUn.tekh.no.1:76-77 Ja '57. (MLA 10:3)
(Tropics--Juvenile literature)
(Butze, Herbert)

BADIGIN, Konstantin Sergeyevich, Geroy Sovetskogo Soyuz; PRUSOVA, G.A.,
red.; POPOV, N.D., tekhn.red.

[Three winters in the Arctic ice] Tri zimovki vo l'dakh Arktiki.
Moskva, Izd-vo "Sovetskaya Rossiya," 1960. 495 p.

(MIRA 13:12)

1. Kapitan ledokol'nogo parokhoda "Georgiy Sedov" (for Badigin).
(Georgii Sedov (Ship)) (Arctic regions)

KURGALIDOVA, G.G.; MUSOVA, I.A.

Division of the Paleogene sediments of northern Kyzyl Kum
and the southeastern part of the Turgay trough according to
the Foraminifera fauna. Biol. MOIP. Otd. Geol. 39 no.2:70-80
Krasnodar '64. (MIRA 19:1)

Prusova, J.

4

Preparation of *N*-(1-naphthyl)ethylenediamine. J. Wagner and J. Prusová (Charles Univ., Prague). *Casopis Lékárň Česká* 56, 20-2 (1951).—Refluxing CH_2Br_2 with 16.7 g. $\text{p-C}_6\text{H}_4(\text{CO})_2\text{NK}$ at $180-90^\circ$ for 30-5 hrs., dissolving the mixt. in boiling EtOH and extg. with 35 ml. CS_2 , after the distn. of EtOH gave 16 g. $\text{p-C}_6\text{H}_4(\text{CO})_2\text{N-CH}_2\text{CH}_2\text{Br}$, m. $78-80^\circ$. This (13 g.) and 13 g. 1- $\text{C}_{10}\text{H}_7\text{NH}_2$ heated to 160° and extd. with water and EtOH gave 16 g. yellow crystals of *N*-[2-(1-naphthylamino)ethyl]phthalimide (I), m. 105° . 14.5 g. I, 300 ml. EtOH, and 10 ml. N_2H_4 (40%) was refluxed 2 hrs., 35 ml. 6*N* HCl added, refluxed 1 hr., cooled, the $\text{N}_2\text{H}_4 \cdot 2\text{HCl}$ and phthalylhydrazide filtered off, the EtOH distd. until the vol. reached 20-30 ml., and the residue crystd. to give 9 g. *N*-(1-naphthyl)ethylenediamine-2HCl, m. 189° . Nicholas Feldman]

MS

WAGNER, J.; PRUSOVA, J.

Preparation of N-(1-naphthyl)-ethylenediamine. *Cas.lek.cesk.* 90
no.1:20-22 5 Jan 51. (CLML 20:6)

1. Of the First Institute of Medical Chemistry and of the Department of Chemical Food (Head--Prof.K.Kacl,M.D.) of the Medical Faculty of Charles University, Prague.

PRUSOVA, L. G.

USSR/Medicine - Veterinary, Drugs

Card 1/1

Author : Prusova, L. G.

Title : Carbocholine and synestrol in the treatment of obstetrical and gynecological diseases

Periodical : Veterinariya, 31, 54-55, Apr 1954

Abstract : Catarrhal endometritis and atonia of the uterus in cattle were successfully treated by subcutaneous injection of 0.1% aqueous solution of carbocholine or 1% oil solution of synestrol. Retained placenta in cattle can be treated with synestrol. Carbocholine acts better and more rapidly than synestrol in the treatment of retained placenta in cows. Synestrol can be used to intensify atonic labor in cattle and to stop lactation in cases of nervous pregnancy in carnivorous animals.

Institution : Kuz-Vet Inst.

Submitted :

PRUSOVA, L.G., ordinator

~~Tissue therapy for cows in papillomatosis of the udder. Veterinaria~~ 35 no.11:41-43 N '58. (MIRA 11:11)

1. Kiyevskiy veterinarnyy institut.
(Udder--Tumors) (Tissue extracts)